

**DESCRIPTION:** ANCHORING CEMENT is a pourable cement based compound formulated for the rapid anchoring and repair of fixtures into concrete. ANCHORING CEMENT exhibits early strength and controlled expansion, that assures a tight grip to both the fixture and surrounding concrete.

**USES:** For rapid anchoring of bolts, screws, posts, railing, reinforcing rods and other fixtures in concrete. ANCHORING CEMENT may also be used to fill cracks in concrete.

**PROCEDURES:** For anchoring of bolts, rods, railings, etc. drill a hole that will allow a 7-15 mm (1/4"-1/2") of ANCHORING CEMENT to surround the fixture being anchored. Saturate area and remove any standing water before placing fixtures and filling cavity with ANCHORING CEMENT. Finish ANCHORING CEMENT with a slight upward taper to prevent water from accumulating around the base.

To fill cracks in concrete, 15 mm (1/2") max. width, clean the repair area thoroughly of any foreign substance. Saturate the area and remove any standing water before applying ANCHORING CEMENT. For signs, parking meters, and other larger exterior applications, use Basalite Non Shrink Grout Fast Set.

**MIXING:** To achieve a pourable consistency add up to 1.4 litres (1.3 qt.) of potable water for each 4 kg (8.8 lb.) of ANCHORING CEMENT and mix thoroughly for 5 minutes prior to placement. To achieve a putty-like consistency, add up to 1 litre (1 US quart) of potable water for each 4 kg (8.8 lb.) of ANCHORING CEMENT and mix thoroughly for 5 minutes. A putty-like consistency is desirable when anchoring into vertical or overhead surfaces.

**TECHNICAL DATA:** The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

<u>Compressive Strength</u> MPa (psi)	<u>Test Method</u>	<u>Pourable</u>
	ASTM C 109	
2-Hour		13 (1885)
4-Hour		17 (2465)
1-Day		30 (4350)
7-Day		40 (5800)
28-Day		50 (7200)
	ASTM C 266	
<u>Set Time (minutes)</u>		
Initial		15 min.
Final		45 min.

**YIELD:** Pourable: 4 kg (8.8 lb.) yields .003 cubic metres (.10 cubic feet)

Putty-like: 4 kg (8.8 lb.) yields .002 cubic metres (.09 cubic feet)

**LIMITATIONS:** Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per pail will result in inferior physical properties. ANCHORING CEMENT set time and strength gain will slow noticeably when used in temperatures below 5 °C (41 °F). ANCHORING CEMENT should be kept in dry storage.

**PACKAGING:** ANCHORING CEMENT is packaged in 1.5 kg (3.3 lb.) and 4 kg (8.8 lb.) plastic tubs.

All Basalite Dry Mix can be custom packaged to meet specific project requirements.

**SAFETY PRECAUTIONS:** ANCHORING CEMENT contains Portland cement and other carefully selected additives. Normal safety wear such as rubber gloves, dust mask and safety glasses, used to handle conventional cement-based products, should be worn. Material Safety Data Sheets are available upon request.